

CHASSIS

GENERAL MAINTENANCE

1. INSPECT STEERING LINKAGE

- (a) Check the steering wheel free play (See page [SR-2](#)).
- (b) Check the steering linkage for looseness or damage.
 - (1) Check that the tie rod ends do not have excessive play.
 - (2) Check that the dust seals and boots are not damaged.
 - (3) Check that the boot clamps are not loose.

2. INSPECT STEERING GEAR HOUSING OIL

- (a) Check the steering gear housing for oil leakage.
HINT:
If leakage is found, check and repair the cause.

3. INSPECT BALL JOINTS AND DUST COVERS

- (a) Inspect the ball joints for excessive looseness.
- (b) Check the dust cover for damage.

4. INSPECT DRIVE SHAFT BOOT (for 4WD)

- (a) Check the drive shaft boots for clamp looseness, oil leakage or damage.

5. REPLACE TRANSFER OIL (for 4WD)

- (a) Remove the filler plug and feel inside the hole with your finger.
- (b) Check that the oil comes to within 5 mm (0.20 in.) from the bottom edge of the hole.
HINT:
If the level is low, add oil until it begins to run out of the filler hole.

6. REPLACE DIFFERENTIAL OIL

- (a) Remove the filler plug and feel inside the hole with your finger.
- (b) Check that the oil comes to within 5 mm (0.20 in.) from the bottom edge of the hole.
HINT:
If the level is low, add oil until it begins to run out of the filler hole.

7. INSPECT AUTOMATIC TRANSMISSION FLUID

- HINT:
- A750E (See page [AT-135](#))
 - A750F (See page [AT-139](#))
 - A340E (See page [AT-85](#))

8. LUBRICATE PROPELLER SHAFT (for 4WD)

- (a) Lubricate propeller shaft, referring to the lubrication chart. Before pumping in grease, wipe off any mud and dust on the grease fitting (See page [PR-18](#), [PR-24](#) or [PR-29](#)).

Grease grade:

Lithium base chassis grease NLGI No. 2

9. TIGHTEN PROPELLER SHAFT BOLT

- (a) Tighten the bolts for propeller shaft.

HINT:

- Regular Cab 2WD (See page [PR-6](#)).
- Access Cab 2WD and Double Cab 2WD (See page [PR-13](#)).
- Front propeller shaft 4WD (See page [PR-19](#)).
- Rear propeller shaft Regular Cab 4WD (See page [PR-25](#)).
- Rear propeller shaft Access Cab 4WD and Double Cab 4WD (See page [PR-31](#)).

10. ROTATE TIRES (See page [TW-2](#))